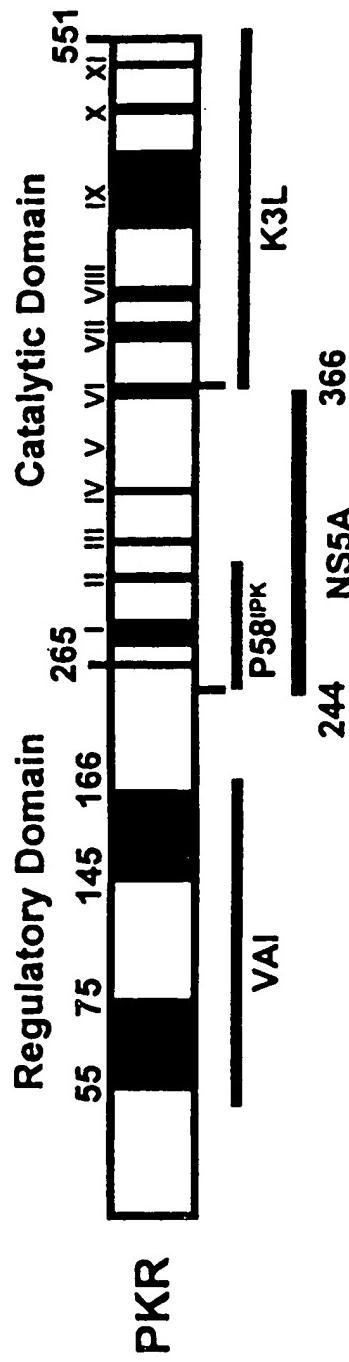
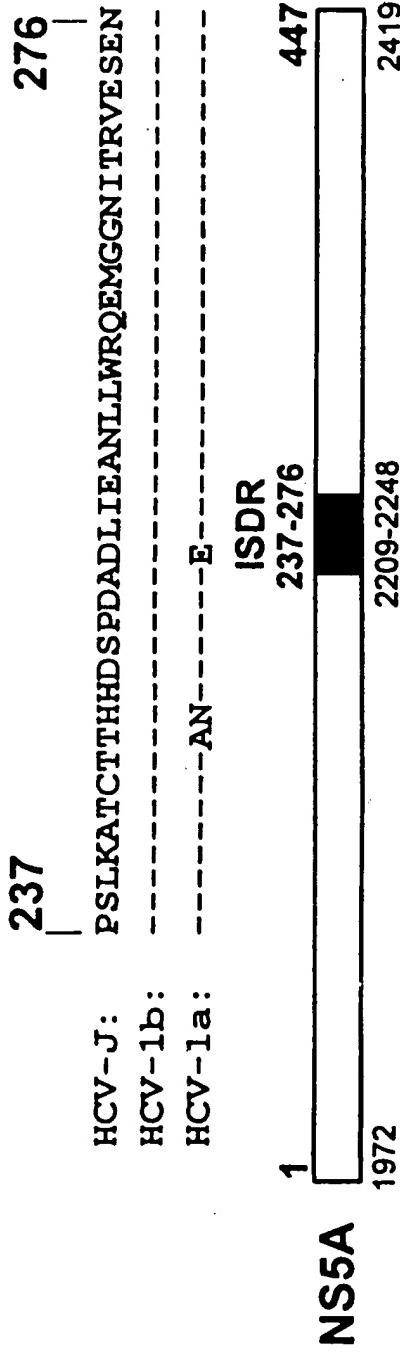


PSLKATCTTHDSDADLIEANLLWRQEMCGGNITRVESEN



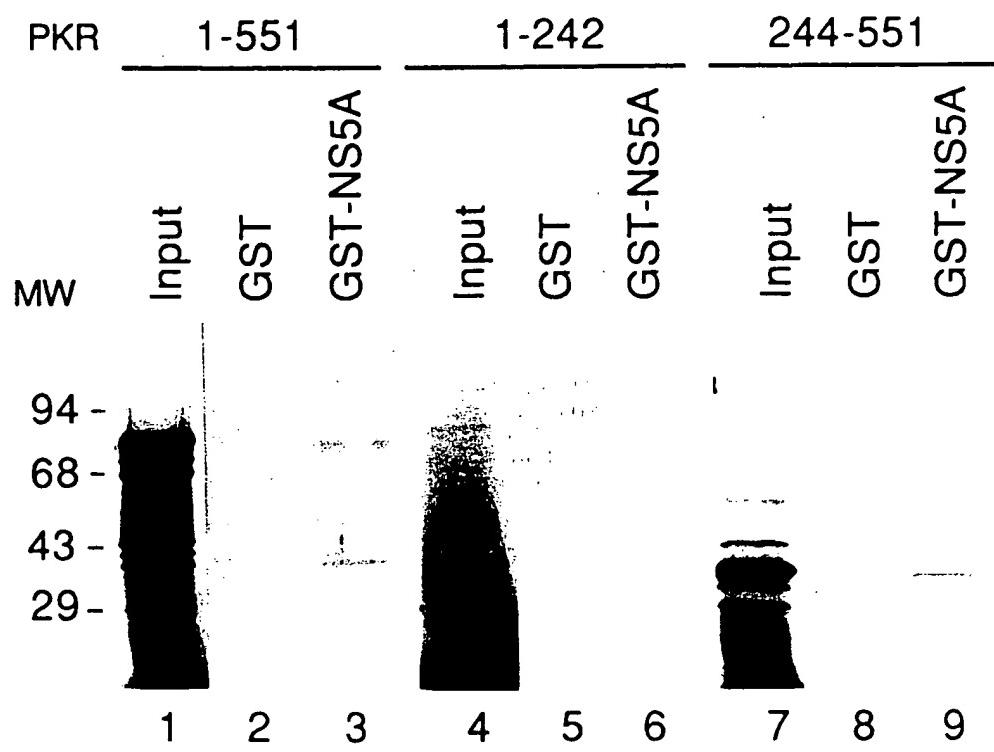


FIG.2

0 1 2 3 4 5 6 7 8

+HIS

AD-vector
BD-vector

1

AD NS5A
BD PKR 98-551

AD P58PK
BD PKR 98-551

AD vector
BD PKR98-551

2 AD NS5A
BD-vector

3 AD vector
BD PKR K296R

4 AD NS5A
BD PKR K296R

5

AD P58PK
BD PKR K296R

-HIS

1

8

2

7

3

6

4

5

FIG.3

NS5A Interacts with the PKR Protein Kinase
Catalytic Domain *in Vivo*

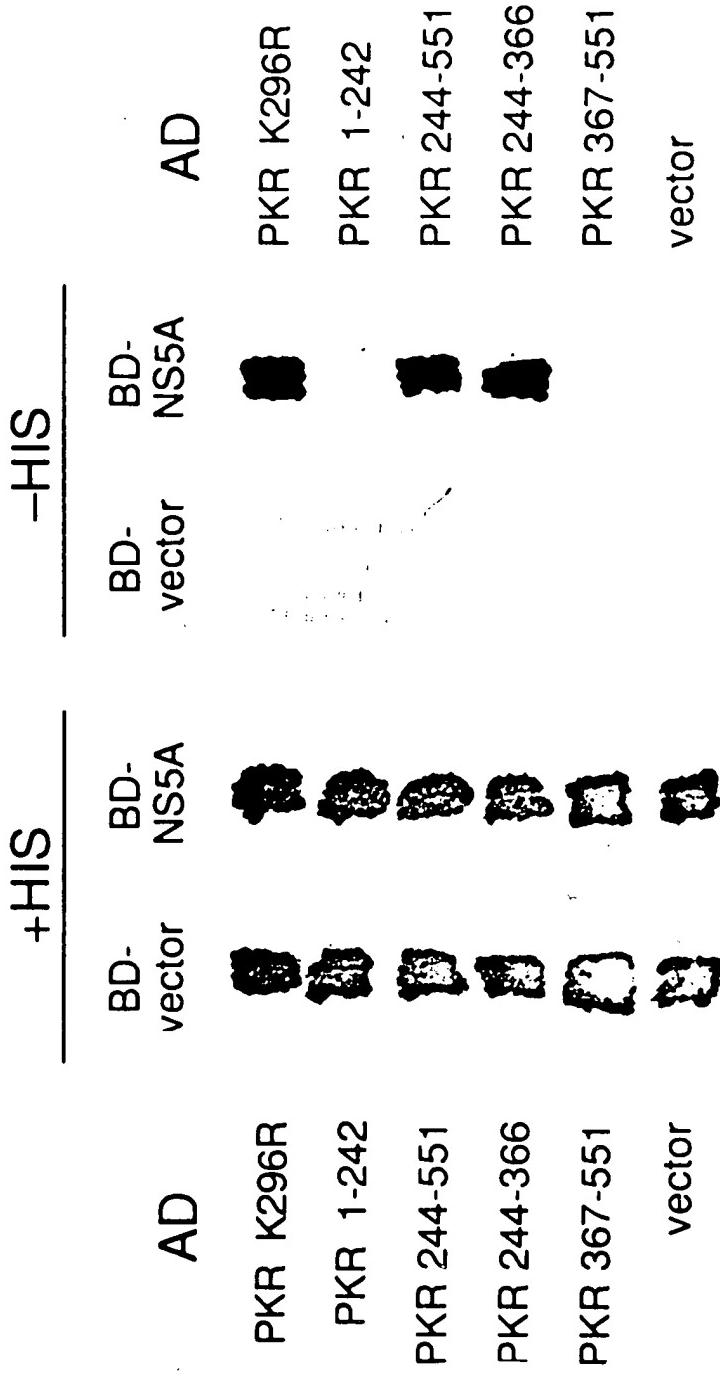


FIG.4

PKR NS5A GST

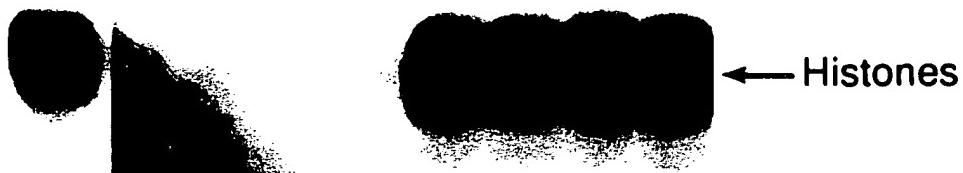
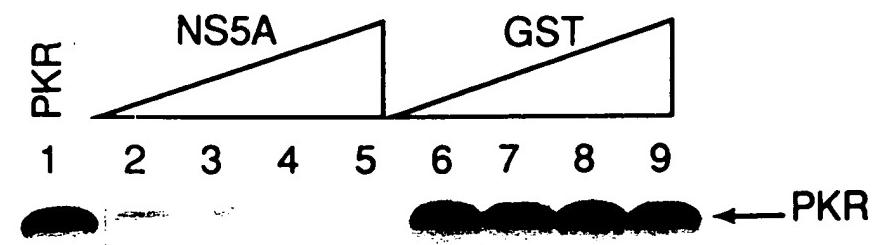


FIG.5

HCV NS5A Inhibits PKR-mediated Growth Suppression in Yeast

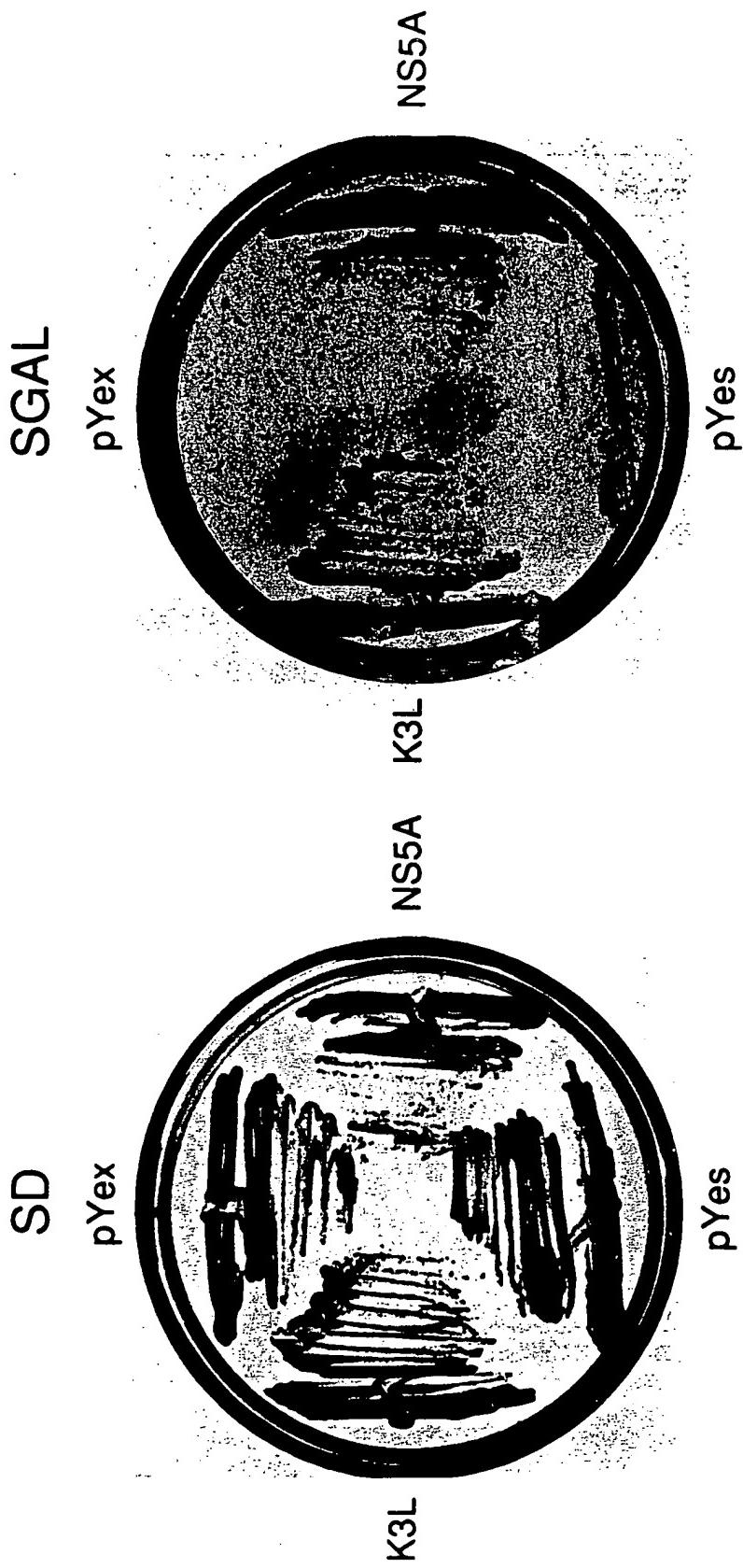


FIG. 6

eIF-2 α Phosphorylation

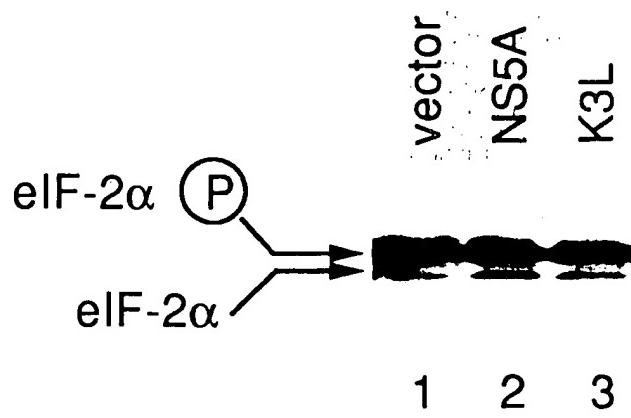


FIG. 7

vector BD-NS5A

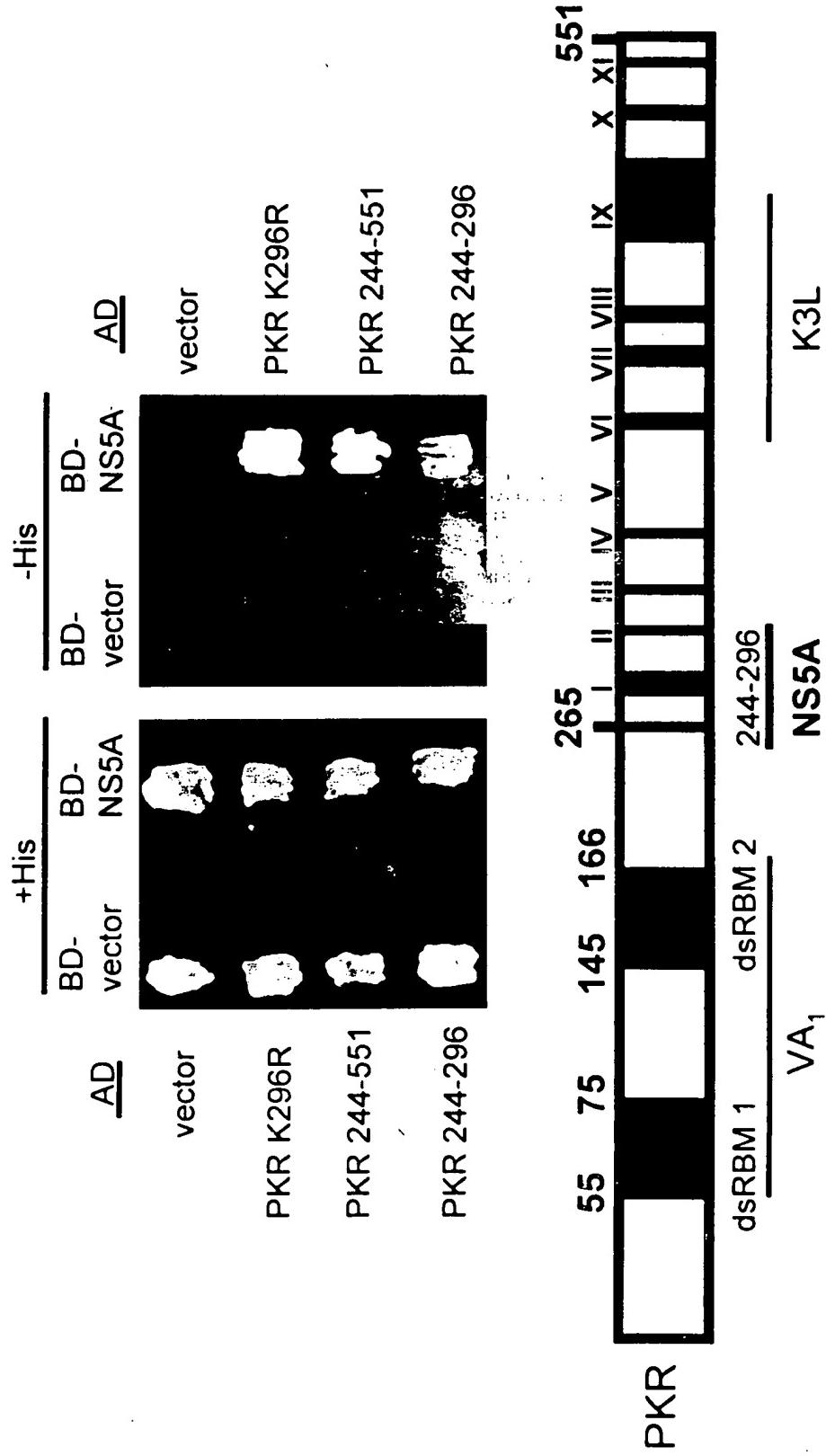


FIG. 8

10⁻² 10⁻³ 10⁻⁴ 10⁻⁵ 10⁻⁶

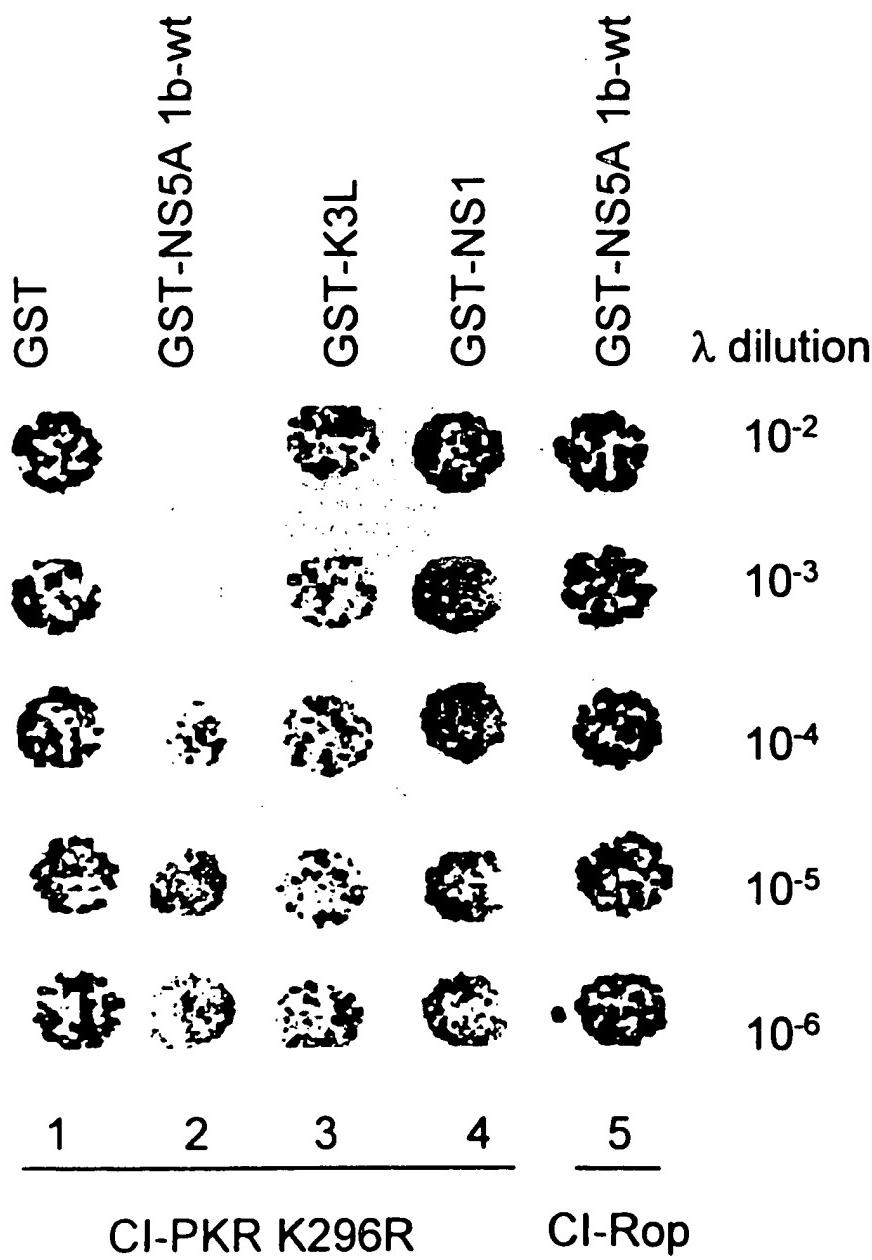


FIG.9

2209-2248
ISDR

1973

2419

Δ ISDR

2361

2120 ————— 2274

2180 ————— 2251

2208 —————

2209 ————— 2274

PKR-binding region

FIG. 10A

9
8
7
6
5
4
3
2
1

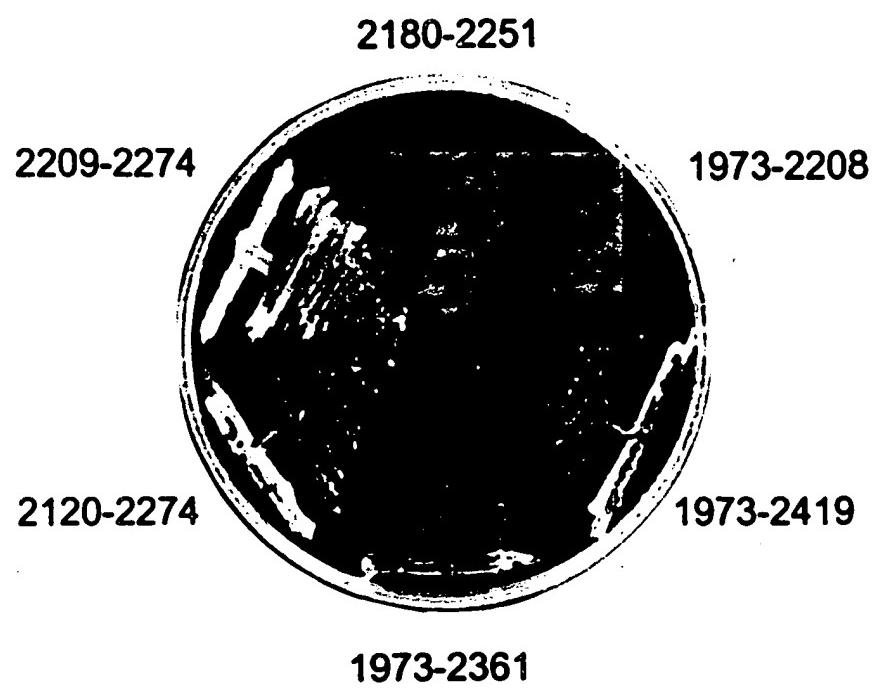


FIG.10B

100 95 90 85 80 75 70 65 60 55 50

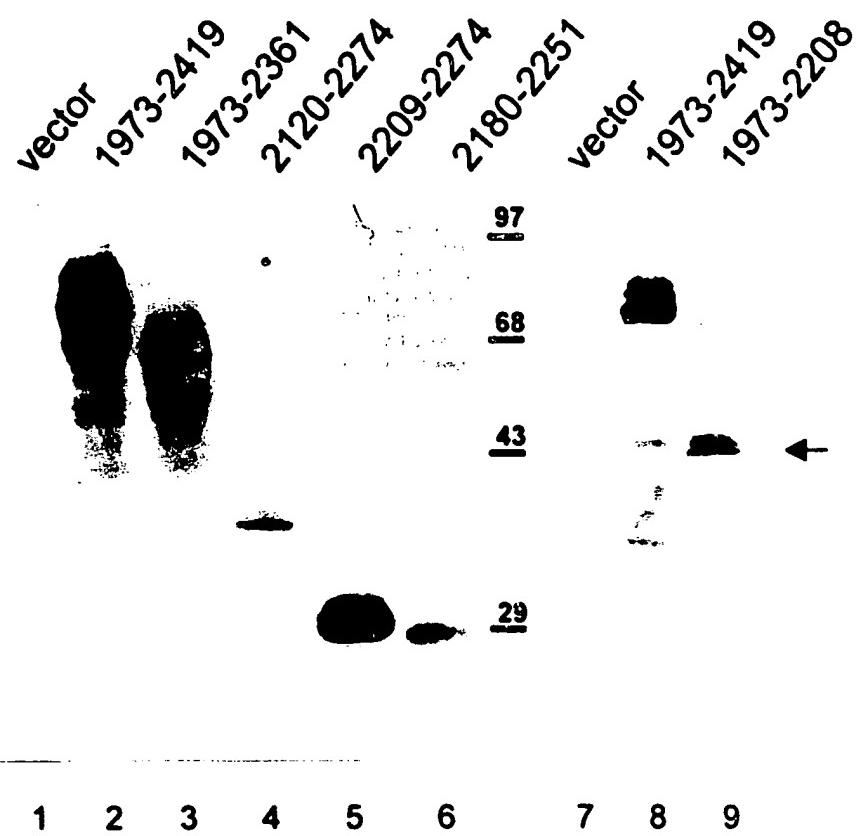


FIG.10C

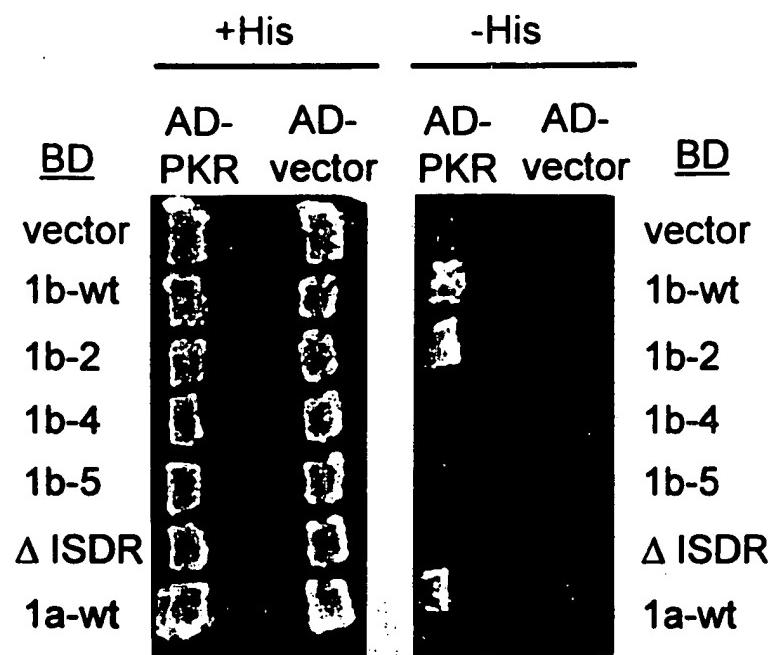


FIG.11A

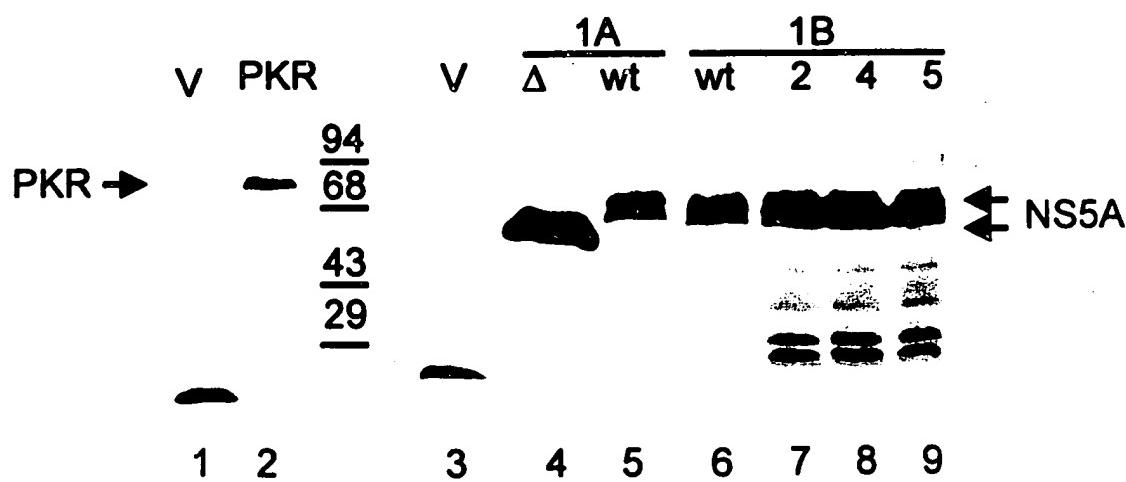


FIG.11B

10⁰ 10⁻¹ 10⁻² 10⁻³ NS5A 10⁰ 10⁻¹ 10⁻² 10⁻³

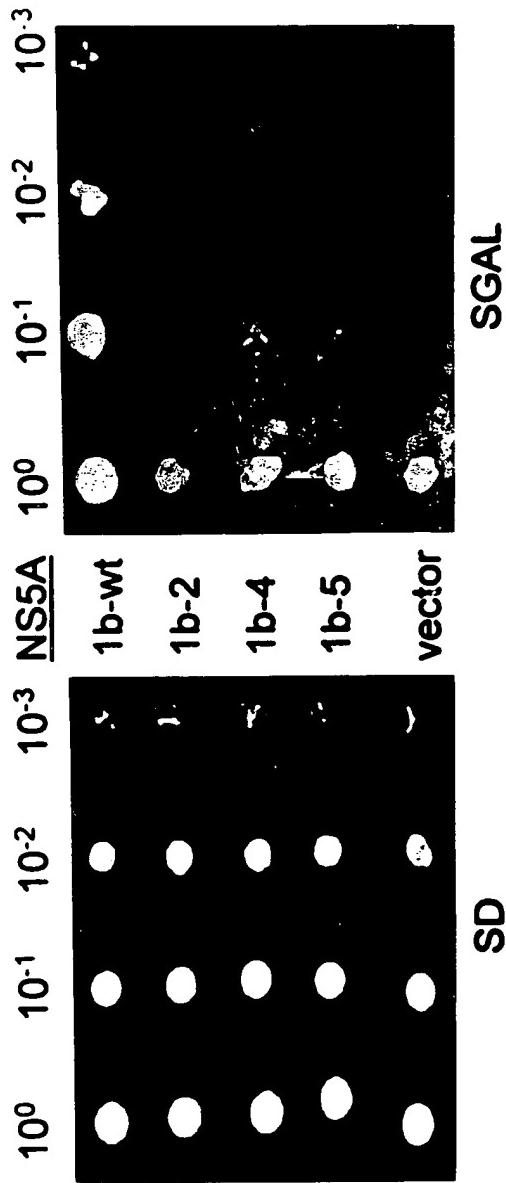


FIG. 12A

20 30 40 50 60 70 80 90 100

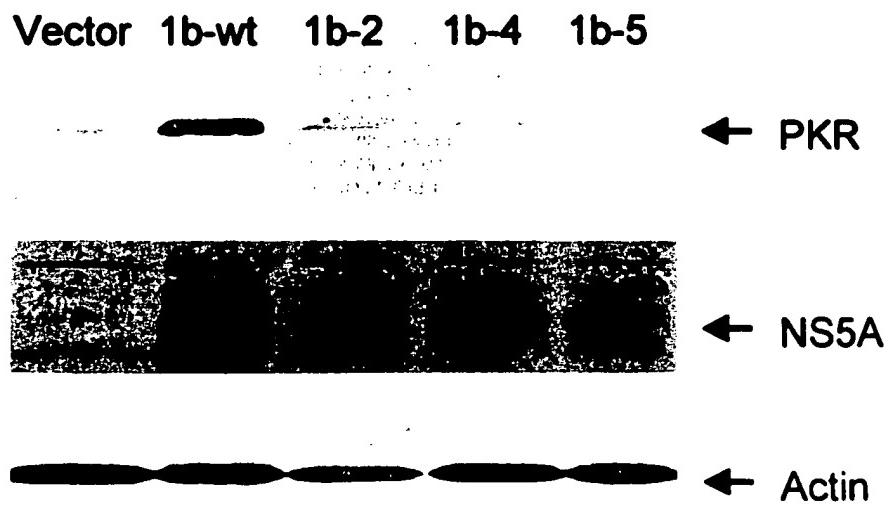


FIG.12B

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FIG. 13

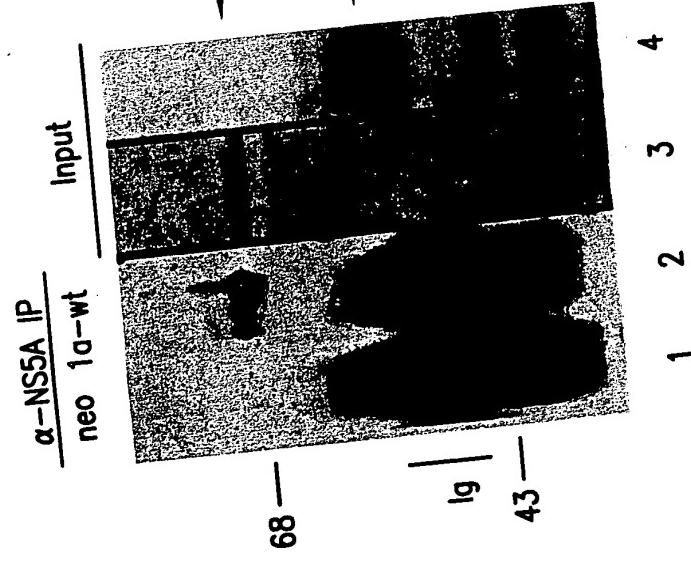


FIG. 14A

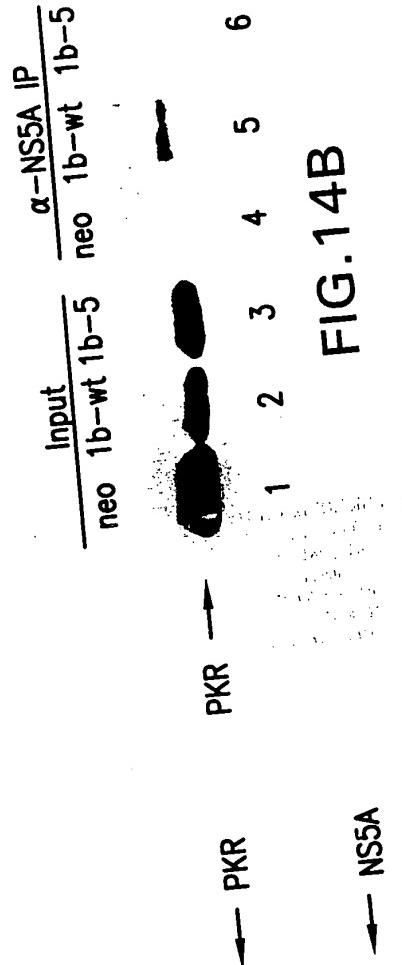


FIG. 14B